

1531

ATTORNEY DOCKET NO. VGEN.P-066  
PATENT APPLICATION  
July 15, 2003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Izmailov  
Serial No. : 09/827,432  
Filing Date : 04/06/2001  
Title : Method and Apparatus for Alignment of DNA Sequencing Data Traces  
Conf. No. : 6093

RESPONSE TO OFFICE COMMUNICATION

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Responding to Office Communication mailed July 11, 2003, Applicants submit replacement formal drawings with the margins corrected as required.

Applicants do not believe fees are due with this submission. However, if the Commissioner deems fees are due, he is authorized to debit any such fees from Deposit Account No. 15-0610.

Respectfully submitted,

OPPEDAHL & LARSON LLP

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I hereby certify that this paper and the attachments named herein are being deposited with the U.S. Postal Service as first class mail in an envelope addressed to Commissioner of Patents, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450.

Date

*7/15/03*

*Linda L. Orr*  
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United States Patent and Trademark Office  
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/827,432	04/06/2001	Alexandre M. Izmailov	VGEN.P-066	6093

21121 7590 07/11/2003  
OPPEDAHL AND LARSON LLP  
P O BOX 5068  
DILLON, CO 80435-5068

EXAMINER

LY, CHEYNE D

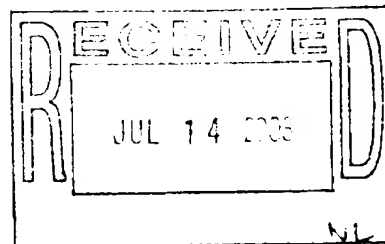
ART UNIT PAPER NUMBER

1631

11

DATE MAILED: 07/11/2003

Please find below and/or attached an Office communication concerning this application or proceeding.





## UNITED STATES DEPARTMENT OF COMMERCE

## U.S. Patent and Trademark Office

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APPLICATION NO./ CONTROL NO.	FILING DATE	FIRST NAMED INVENTOR / PATENT IN REEXAMINATION	ATTORNEY DOCKET NO.
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EXAMINER

ART UNIT

PAPER

11

DATE MAILED

**Please find below and/or attached an Office communication concerning this application or proceeding.**

## Commissioner for Patents

The reply filed on May 16, 2003 is not fully responsive to the prior Office Action because of the following omission(s) or matter(s): The formal drawings have not been corrected as specified by Paper 8, mailed March 25, 2003. See 37 CFR 1.111. Since the above-mentioned reply appears to be bona fide, applicant is given ONE (1) MONTH or THIRTY (30) DAYS from the mailing date of this notice, whichever is longer, within which to supply the omission or correction in order to avoid abandonment. EXTENSIONS OF THIS TIME PERIOD MAY BE GRANTED UNDER 37 CFR 1.136(a).

Papers related to this application may be submitted to Technical Center 1600 by facsimile transmission. Papers should be faxed to Technical Center 1600 via the PTO Fax Center located in Crystal Mall 1. The faxing of such papers must conform with the notices published in the Official Gazette, 1096 OG 30 (November 15, 1988), 1156 OG 61 (November 16, 1993), and 1157 OG 94 (December 28, 1993) (see 37 CFR § 1.6(d)). The CM1 Fax Center number is either (703) 308-4242 or (703) 305-3014.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to C. Dune Ly, whose telephone number is (703) 308-3880. The examiner can normally be reached on Monday-Friday from 8 A.M. to 4 P.M.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael Woodward, Ph.D., can be reached on (703) 308-4028.

Any inquiry of a general nature or relating to the status of this application should be directed to Legal Instruments Examiner, Tina Plunkett, whose telephone number is (703) 305-3524 or to the Technical Center receptionist whose telephone number is (703) 308-0196.

C. Dune Ly  
7/8/03

Attachment: Form PTO 948



Form PDS-108 (Rev. 10-00) U.S. DEPARTMENT OF COMMERCE - Patent and Trademark Office Application

## NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

09/827432  
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The drawings filed on serial 5-16-03 are:

A. ☐ approved by the Draftsperson under 37 CFR 1.84 or 1.82

B. ☒ objected to by the Draftsperson under 37 CFR 1.84 or 1.82 for the reason indicated below. The Examiner will require submission of new, corrected drawings when necessary. A new drawing must be submitted according to the instructions on the back of this notice.

### 1. DRAWINGS (37 CFR 1.84(c)). Acceptable category of drawings: black ink color

☐ Color drawings are not acceptable (only pencil or printer's guide)

☐ Lines: \_\_\_\_\_

☐ Pencil and non-stick ink not permitted. Lines: \_\_\_\_\_

### 2. PHOTOGRAPHS (37 CFR 1.84(e))

☐ Full-tone set is required. Lines: \_\_\_\_\_

☐ Photographs may not be mounted. (37 CFR 1.84(e))

☐ Poor quality (dull, faded). Lines: \_\_\_\_\_

### 3. TYPE OF PAPER (37 CFR 1.84(f))

☐ Paper not flexible, too light, white, and durable

☐ Lines: \_\_\_\_\_

☐ Measures, alterations, or corrections of dimensions

☐ Lines, corners, and line breaks not accepted. Lines: \_\_\_\_\_

☐ Material, composition, or texture of paper not uniform

☐ Lines: \_\_\_\_\_

### 4. SIZE OF PAPER (37 CFR 1.84(g)). Acceptable sizes:

☐ 216 mm by 279 mm (A4) size A4

☐ 216 mm by 279 mm (A4) size A4

☐ 216 mm by 279 mm (A4) size A4

☐ 216 mm by 279 mm (A4) size A4

☐ Lines: \_\_\_\_\_

☐ Dimensions, weights, or other physical characteristics

☐ Lines: \_\_\_\_\_

### 5. REFERENCES (37 CFR 1.84(h)). Acceptable margins:

☐ Top 2.5 cm (1 in.) Right 2.5 cm (1 in.) Bottom 2.5 cm

☐ SIZE: A4 (8.5 x 11)

☐ Top 2.5 cm (1 in.) Right 2.5 cm (1 in.) Bottom 2.5 cm

☐ SIZE: A4 (8.5 x 11)

☐ Margins not uniform. Lines: \_\_\_\_\_

☐ Lines: \_\_\_\_\_

### 6. VIEWS (37 CFR 1.84(i))

☐ CAMBER: Specified in the drawing or in the

☐ corresponding drawing margin

☐ Lines: \_\_\_\_\_

☐ Lines: \_\_\_\_\_

☐ Brackets needed to show figures. Lines: \_\_\_\_\_

☐ Lines: \_\_\_\_\_

☐ Views not ordered separately. Lines: \_\_\_\_\_

☐ Lines: \_\_\_\_\_

☐ Enlarged views not shown. Lines: \_\_\_\_\_

☐ Lines: \_\_\_\_\_

### 7. MULTIPLE VIEWS (37 CFR 1.84(j))

☐ Half-size multiple views not permitted. Lines: \_\_\_\_\_

☐ Lines: \_\_\_\_\_

☐ Section lines not shown. Lines: \_\_\_\_\_

☐ Lines: \_\_\_\_\_

☐ Section lines not shown. Lines: \_\_\_\_\_

☐ Lines: \_\_\_\_\_

### 8. ARRANGEMENT OF VIEWS (37 CFR 1.84(k))

Words do not appear on a horizontal, left-to-right fashion

☐ The page is either upright or turned so that the top

☐ becomes the right side, except for graphs. Lines: \_\_\_\_\_

### 9. SCALE (37 CFR 1.84(l))

☐ Scale not large enough to show mechanism without

☐ crowding when drawing is reduced in size to two-thirds in

☐ reproduction. Lines: \_\_\_\_\_

☐ Lines: \_\_\_\_\_

### 10. CHARACTER OF LINES, NUMBERS, & LETTERS (37 CFR 1.84(m))

☐ Lines, numbers & letters not uniform, that cannot well

☐ be read, clean, distinct, and thick, especially around

☐ lines. Lines: \_\_\_\_\_

### 11. SHADE (37 CFR 1.84(n))

☐ Solid black areas pale. Lines: \_\_\_\_\_

☐ Solid black shading not permitted. Lines: \_\_\_\_\_

☐ Shading lines, pale, rough, and blurred. Lines: \_\_\_\_\_

### 12. NUMBERS, LETTERS, & REFERENCE CHARACTERS (37 CFR 1.84(p))

☐ Numbers and reference characters in plain and boldface

☐ Lines: \_\_\_\_\_

☐ Lines: \_\_\_\_\_

☐ Figures designated prior to first

☐ Numbers and reference characters not oriented in the

☐ same direction as the view. (37 CFR 1.84(p)(1))

☐ Lines: \_\_\_\_\_

☐ Lines: \_\_\_\_\_

☐ English alphabet not used. (37 CFR 1.84(p)(2))

☐ Lines: \_\_\_\_\_

☐ Numbers, letters, and reference characters not in the same

☐ size. (37 CFR 1.84(p)(3))

☐ Lines: \_\_\_\_\_

### 13. DIMENSIONS (37 CFR 1.84(q))

☐ Dimensions cross each other. Lines: \_\_\_\_\_

☐ Dimensions miss. Lines: \_\_\_\_\_

### 14. NUMBERING OF SHEETS OF DRAWINGS (37 CFR 1.84(r))

☐ Figures not numbered consecutively. Lines: \_\_\_\_\_

☐ Figures not numbered consecutively. Lines: \_\_\_\_\_

### 15. NUMBERING OF VIEWS (37 CFR 1.84(s))

☐ Views not numbered consecutively. Lines: \_\_\_\_\_

☐ Views not numbered consecutively. Lines: \_\_\_\_\_

### 16. CORRECTIONS (37 CFR 1.84(t))

☐ Corrections not made through proper methods

☐ Lines: \_\_\_\_\_

### 17. DESIGN DRAWINGS (37 CFR 1.84(u))

☐ Surface and numbers not in plain and boldface

☐ Surface and numbers not in plain and boldface

☐ Lines: \_\_\_\_\_

COMMENTS